

Attorney Docket No. 22908-1225
(Prior Customer No. 24961)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE

Revoking any and all powers of attorney and authorizations of agent heretofore made in respect of the patent applications listed on the attached Appendix (Table 1), a joint Assignee of the entire interest in these patent applications hereby appoints the following as its attorneys, with full power of substitution and revocation, to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith:

STEPHANIE SEIDMAN, Registration No. 33,779;
DALE L. RIEGER, Registration No. 43,045;
FRED C. HERNANDEZ, Registration No.: 41,832;
SCOTT C. HARRIS, Registration No. 32,030.

FISH & RICHARDSON, P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (202) 626-7796

Address all correspondence regarding this patent application to:

PTO Customer Number:

20985

Direct all telephonic inquiries to Stephanie Seidman, Reg. No. 33,779, at telephone no. (858) 678-5070.

The Scripps Research Institute

Date: April 13, 2004

By: 

Thomas Fitting

Title: Chief Patent Counsel

Attorney Docket No. 22908-1225
(Prior Customer No. 24961)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

THE SCRIPPS RESEARCH INSTITUTE, a public benefit not for profit corporation of California, having a place of business at 10550 North Torrey Pines Road TP8, La Jolla, California 92037, U.S.A., is a joint Assignee of the entire right, title and interest in the attached patent applications by virtue of an Assignment from the inventors. A copy of the Assignment from the inventors to **THE SCRIPPS RESEARCH INSTITUTE** is attached hereto.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THE SCRIPPS RESEARCH INSTITUTEDate: April 13, 2004By: 

Thomas Fitting

Title: Chief Patent Counsel

10379846.doc

Attorney Docket No. 22908-1225
(Prior Customer No. 24961)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE

Revoking any and all powers of attorney and authorizations of agent heretofore made in respect of the patent applications listed on the attached Appendix (Table 1), a joint Assignee of the entire interest in these patent applications hereby appoints the following as its attorneys, with full power of substitution and revocation, to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith:

STEPHANIE SEIDMAN, Registration No. 33,779;
DALE L. RIEGER, Registration No. 43,045;
FRED C. HERNANDEZ, Registration No.: 41,832;
SCOTT C. HARRIS, Registration No. 32,030.

FISH & RICHARDSON, P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
Facsimile: (202) 626-7796

Address all correspondence regarding this patent application to:

PTO Customer Number:

20985

Direct all telephonic inquiries to Stephanie Seidman, Reg, No. 33,779, at telephone no. (858) 678-5070.

NOVARTIS AG

Date: May 14, 2004

By: Arthur Canonica Christoph Heid

Title: CIP-Administrators

Attorney Docket No. 22908-1225
(Prior Customer No. 24961)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

NOVARTIS AG, a corporation organized under the laws of the Swiss Confederation, having a principal business address of Lichstrasse 35, CH-4056 Basel, Switzerland, is a joint Assignee of the entire right, title and interest in the attached patent applications by virtue of an Assignment from the inventors. A copy of the Assignment from the inventors to NOVARTIS AG is attached hereto.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NOVARTIS AG

Date: May 14, 2004

By: Arthur Canonica, Christoph Heid

Title: CIP-Administrators

10379853.doc